D. Gregory Farwell, M.D.

Clinical Interests

Dr. Farwell's clinical practice has centered on the comprehensive management of head and neck malignancies including thyroid and parathyroid surgery. He has special interests in laser and robotic microsurgery of upper aerodigestive tract tumors and reconstructive surgery after traumatic and oncologic defects. His comprehensive approach to patient care allows the entire gamut of reconstructive surgery to be utilized to optimize his patients functional and cosmetic results. He has worked extensively on improving patient functional outcomes with microvascular organ replacement strategies and rehabilitation with coordinated speech and swallowing therapies available here at UC Davis.

His research endeavors include multiple collaborations with the UC Davis Department of Biomedical Engineering working on noninvasive and minimally invasive technologies to diagnose neoplasms, novel and improved PET tracers, unique approaches to therapeutic drug delivery to neoplasms, and high-resolution imaging technologies. He also works closely with colleagues in the Department of Radiation Oncology to evaluate novel treatment strategies to minimize radiation side effects and maximize patient functional outcomes.

Title

Professor

Specialty

Cancer, Otolaryngology (ENT/Ears, Nose, Throat), Surgery - Head and Neck, Otolaryngology, Surgery - Robotic

Department

Otolaryngology

Division

Head and Neck Surgery

Center/Program Affiliation

Center for Skull Base Surgery
Robotic Surgery Program
UC Davis Comprehensive Cancer Center

Address/Phone

Glassrock Building, General Otolaryngology Clinic, 2521 Stockton Blvd. Suite 5200 Sacramento, CA 95817
Phone: 916-734-5400

Additional Phone

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Physician Referrals: 800-4-UCDAVIS (800-482-3284)

Education

M.D., Washington University School of Medicine, St. Louis, Missouri, 1994

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D. Gregory Farwell, M.D.

B.A., Drury University, Springfield, Missouri, 1990

Internships Virginia Mason Medical Center, Seattle , Washington, 1995

Residency University of Washington, Seattle, Washington, 2000

Fellowships Fred Hutchinson Cancer Research Center, Seattle, Washington, 1996

Board Certifications American Board of Otolaryngology, 2001

Professional Memberships
American Academy of Otolaryngology — Head and Neck Surgery
American Board of Otolaryngology
American College of Surgeons
American Head and Neck Society
American Medical Association
American Thyroid Association
Sacramento Society Ear, Nose and Throat
Society of University of Otolaryngologists-Head & Neck Surgeons

Honors and Awards
Dean's Team Award for Excellence for Laryngeal Transplant, University of California, Davis, 2010
Dean's Team Award for Excellence for Voice & Swallow Center, University of California, Davis, 2010
Top Ten Star Journal Reviewer for the Journal of Otolaryngology-Head and Neck Surgery, 2009
Listed in "Guide to America's Top Physicians" 2008 Edition by Consumers' Research Council of America, 2008
Editorial Board for Otolaryngology-Head and Neck Surgery, 2007
American Academy of Otolaryngology-Head and Neck Surgery Foundation, Honor Award Recipient, 2007
Fellow, American College of Surgeons, 2003
Elected AO-ASIF Faculty, 2003
University of Washington Distinguished Physician of the Year Service Award, 2002
Lamkin Award for Temporal Bone Surgery, 1997
First in Class-Washington University School of Medicine Graduating Class of 1994, 1994
Alpha Omega Alpha, 1994
Distinguished Student Scholarship- Washington University School of Medicine, 1994
Richard S. Brookings Prize for Meritorious Research, 1994

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D. Gregory Farwell, M.D.

American College of Physicians Award, 1994

Select Recent Publications

Esophageal pathology in patients after treatment for head and neck cancer. Farwell DG, Rees CJ, Mouadeb DA, Allen J, Chen AM, Enepekides DJ, Belafsky PC. Otolaryngol Head Neck Surg. 2010 Sep;143(3):375-8.

Evaluating the role of prophylactic gastrotomy tube placement prior to definitive chemoradiotherapy for head and neck cancer. Chen Am, Li BQ, Lau DH, Farwell DG, Luu Q, Stuart K, Newman K, Purdy JA, Vijayakumar S. Int J Radiat Oncol Biol Phys. 2010 Mar 13. [Epub ahead of print].

Evaluation of the planning target volume in the treatment of head and neck cancer with intensity-modulated radiotherapy: what is the appropriate expansion margin in the ssetting of daily image guidance? Chen AM, Farwell DG, Luu Q, Donald PJ, Perks J, Purdy A. Int J Radiat Oncol Biol Phys. 2010 Oct 5 [Epub ahead of print]

Head and neck cancer among lifelong never-smokers and ever-smokers: matched-pair analysis of outcomes after radiation therapy. Chen AM, Chen LM, Vaughan A, Farwell DG, Luu Q, Purdy JA, Vijayakumar S. Am J Clin Oncol. 2010 Jul 8. [Epub ahead of print].

Improved dosimetric and clinical outcomes with intensity-modulated radiotherapy for head-and-neck cancer of unknown primary origin. Chen AM, Li BQ, Farwell DG, Marsano J, Vijayakumar S, Purdy JA. Int J Radiat Oncol Biol Phys. 2010 Apr 24. [Epub ahead of print].

Marginal misses after postoperative intensity-modulated radiotherapy for head and neck cancer. Chen AM, Farwell DG, Luu Q, Chen LM, Vijayakumar S, Purdy JA. Int J Radiat Oncol Biol Phys. 2010 Jul 23. [Epub ahead of print].

Misses and near-misses after postoperative radiation therapy for head and neck cancer: Comparison of IMRT and non-IMRT techniques in the CT-simulation era. Chen Am, Farwell DG, Luu Q, Chen LM, Vijayakumar S, Purdy JA. Head Neck. 2010 Feb 9 [Epub ahead of print].

Overstaging of cartilage invision by multidetector CT scan for laryngeal cancer and its potential effect on the use of organ preservation with chemoradiation. Li B, Bobinski M, Gandour-Edwards R, Farwell DG, Chen AM. Br J Radiol. 2001 Jan;84(997):64-9. Epub 2010 Sep 21.

Postoperative radiation therapy for head and neck cancer in the setting of orocutaneous and phyngocutaneous fistula. Lau V, Chen LM, Farwell DG, Luu Q, Donald P, Chen AM. Am J clin Oncol. 2010 Jul 8. [Epub ahead of print].

Primary radiation therapy for head-and-neck cancer in the setting of human immunodeficiency virus. Klein EA, Guiou M, Farwell DG, Luu Q, Lau DH, Stuart K, Vaughan A, Vijayakumar S, Chen AM. Int J Radiat Oncol Biol Phys. 2010 Apr 10. [Epub ahead of print].

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Prospective trial of high-dose reirradiation using daily image guidance with intensity-modulated radiotherapy for recurrentand second primary head-and-neck cancer. Chen AM, Farwell DG, Luu Q, Cheng S, Donald PJ, Purdy JA. Int J Radiat Oncol Biol Phys. 2010 12. [Epub ahead of print].
Radiation therapy in the management of head-and-neck cancer of unknown primary origin: how does the addition of concurrent chemotherapy affect the therapeutic ratio? Chen AM, Farwell DG, Lau DH, Li BQ, Luu Q, Donald PJ. Int J Radiat Oncol Biol Phys. 2010 Oct. [Epub ahead of print]
Time-resolved fluorescence spectroscopy as a diagnostic technique of oral carcinoma: Validation in the hamster buccal puch model. Farwell DG, Meier JD, Park J, Sun Y, Coffman H, Poirier B, Phipps J, Tinling S, Enepekides DJ, Marcu L. Arch Otolaryngol Head Neck Surg. 2010 Feb;136(2):126-33.
Time-resolved laser-induced fluorescence spectroscopy as a diagnostic instrument in head and neck carcinoma. Meier JD, Sie H, Sun Y, Sun Y, Hatami N, Poirier B, Marcu L, Farwell DG. Otolaryngol Head Neck Surg. 2010 Jun;142(6):838-44.
Tobacco smoking during radiation therapy for head-and-neck cancer is associated with unfavorable outcome. Chen AM, Chen LM, Vaughan A, Sreeraman R, Farwell DG, Luu Q, Lau DH, Stuart K, Purdy JA, Vijayakumar S. Int J Radiat Oncol Biol Phys. 2010 Apr 14. [Epub ahead of print]

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